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| <p align="center">NATIONAL PHASE UTILITY APPLICATION</p> <p align="center">Transmittal to the (DO/EO/US) Under 35 USC 371</p> | <p>Attorney Docket No.: SAEG129.015APC First Named Inventor: Yasuyuki Ishii Int'l Application No.: PCT/JP2004/004523 Int'l Filing Date: March 30, 2004 Priority Date Claimed: March 31, 2003 Title: MODIFIED THIOREDOXIN Express Mail Label No.: EV309072484US</p> |
| <p>Direct all correspondence to Customer No.: 20995 Date: September 29, 2005 Page 1 of 2</p> | |

10/551488

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

- | | |
|--------------------|-------------------|
| 1. Yasuyuki Ishii | 2. Junji Yodoi |
| 3. Hajime Nakamura | 4. Norihiko Kondo |

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) The U.S. has been elected (Article 31).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) PCT/IB/308 enclosed.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) An Oath or Declaration signed by the inventors (35 U.S.C. § 371(c)(4)).

OTHER APPLICATION PARTS:

- (X) Recordation form cover sheet and Assignment in 4 total pages (cover sheet & assignment).
- (X) Copy of PCT publication WO 2004/087917.
- (X) Copy of International Search Report.
- (X) Return prepaid postcard.


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| NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371 | Attorney Docket No.: SAEG129.015APC First Named Inventor: Yasuyuki Ishii Int'l Application No.: PCT/JP2004/004523 Int'l Filing Date: March 30, 2004 Priority Date Claimed: March 31, 2003 Title: MODIFIED THIOREDOXIN Express Mail Label No.: EV309072484US |
| Direct all correspondence to Customer No.: 20995 Date: September 29, 2005 Page 2 of 2 | |

FILING FEES:

| FEE CALCULATION | | | | |
|--|-------------|--------------|----------------------|--------------|
| FEE TYPE & DETERMINATION | | LARGE FEE | CALCULATION | TOTAL |
| Basic Filing Fee under 1.492(a) | | 1631 (\$300) | | \$300 |
| Search Fee under 1.492(b) (enter one in TOTAL column) | | | | |
| (1) USPTO was ISA and claims are novel | | 1640 (\$0) | | \$400 |
| (2) USPTO was the ISA | | 1641 (\$100) | | |
| (3) Foreign Search Report Enclosed | | 1642 (\$400) | | |
| (4) No Search Report Enclosed | | 1632 (\$500) | | |
| Examination Fee under 1.492(c) (enter one in TOTAL column) | | | | |
| (1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4)) | | 1643 (\$0) | | \$200 |
| (2) Non US IPEA / Noncompliant Claims | | 1633 (\$200) | | |
| Excess Claims | 18 - 20 = 0 | 1615 (\$50) | 0 x 50 = | \$0 |
| Excess Ind. Claims | 0 - 3 = 0 | 1614 (\$200) | 0 x 200 = | \$0 |
| Multiple Dep. Claim | | 1616 (\$360) | | \$0 |
| Application Size Fee | 0 - 100 = 0 | 1681 (\$250) | 0 x 250 = | \$0 |
| Late English Translation | | 1618 (\$130) | | \$0 |
| Assignment | | 8021 (\$40) | 1 x 40 = | \$40 |
| | | | TOTAL FEE DUE | \$940 |
| TOTAL FEE PAID (If Different Than Fee Due) | | | | \$ |

(X) A check in the amount of **\$940** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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*Daniel E. Altman*MAIL STOP PCT
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Alexandria, VA 22313-1450**EV309072484US****CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Attorney Docket No. : SAEG129.015APC
Applicant(s) : Ishii et al.
For : MODIFIED THIOREDOXIN
Attorney : Daniel E. Altman
"Express Mail" Label No. : EV309072484US
Date of Deposit : September 29, 2005

I hereby certify that the accompanying

Transmittal letter; PCT publication WO 2004/087917 A1; Declaration and Power of Attorney in 3 pages; Recordation Form Cover Sheet and Assignment in 4 pages; International Search Report; PCT/IB/308; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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